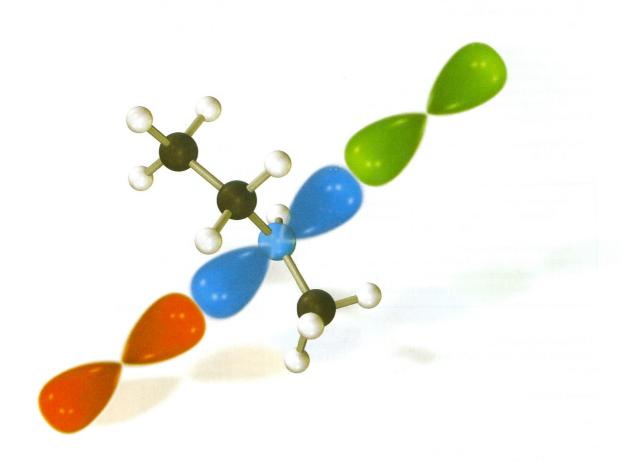
second edition

## ORGANIC CHEMISTRY

## JOSEPH M. HORNBACK

UNIVERSITY OF DENVER





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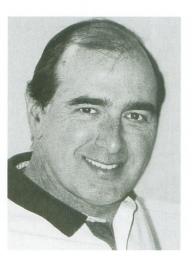
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To Melani, Joe, Pat, Jordan, and Cullen, who bring meaning and joy to my life.

## About the Author



oseph M. Hornback was born and raised in southwestern Ohio. He received a B.S. in Chemistry, magna cum laude, from the University of Notre Dame in 1965. He then attended the Ohio State University on an NSF traineeship and received his Ph.D. in 1968. He next moved to the University of Wisconsin at Madison on an NIH postdoctoral fellowship.

In 1970, he joined the faculty of the Department of Chemistry at the University of Denver, where he is now Professor of Chemistry and Biochemistry. His research interests are in the areas of synthetic organic chemistry and organic photochemistry. He has served in a number of administrative positions, including Associate Dean for Undergraduate Studies; Associate Dean for Natural Sciences, Mathematics, and Engineering; and Director of the

Honors Program. But his first love has always been teaching, and he has taught organic chemistry nearly every term, even when he was in administration. He has received the Natural Sciences Award for Excellence in Teaching and the Outstanding Academic Advising Award.

Joe is married and has three children, two sons and a daughter, and one grandson. He enjoys sports and outdoor activities, especially fishing and golf.